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(71)Applicant: HONDA MOTOR CO LTD

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(72)Inventor: NAKAJIMA YASUSHI

TASAI MASAYUKI

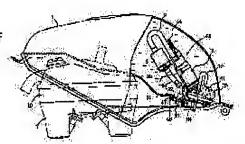
**ONO NOBUO** YOSHIKI HIROTO

## (54) VEHICLE FUEL SUPPLY SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent the pulsating phenomenon by arranging a sponge-like adsorptive member between a strainer and the top end part of a fuel return pipe, and supplying a liquid fuel gas-liquid separated from the fuel adsorptive member even near the lower limit of the fuel.

SOLUTION: A stainless-made fuel adsorptive member 35 is arranged on a strainer. The fuel adsorptive member 35 is formed of a porous elastic body consisting of a stainless wire rod or strip material made into a coil shape, and it is formed so as to have a communicating cavity slightly large, compared with the size of the mesh in a wire gauze foreign matter removing filter provided in the strainer, and the gas included in the return fuel can be separated from the fuel liquid in the adsorptive process. The liquid fuel gasliquid separated from the fuel adsorptive member 35 can be supplied even near the lower limit of the fuel, and the breathing phenomenon can be prevented.



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